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FM Allotment

Mr. Wendell Harlan

Mena, AR

Channel 287 105.3 MHz Class C3

25 Kw ERP 100 M HAAT

Ellis Engineering C. F. Ellis, P.E. 1103 LaNeuville Lafayette, LA 70508 (318) 984-2420

May 2, 1996

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Request for Allotment of Channel 287 C3 Mena, AR

REVEND

May 2, 1996

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FCC

FM Branch 1919 M Street

Washington, DC 20002

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Mr. Wendell Harlan (3906 Hwy 375 West) P.O. Box 1426 Mena, AR 71953

Mr. Wendell Harlan requests FM Channel 287 as a Class C3 station serving the City of Mena, Arkansas.

The proposed reference site for this allocation request is:

34° 38' 19" North Latitude 94° 18' 27" West Longitude

This site is located on land that is suitable and available for use as a tower site for the proposed Class C3 FM Station.

Table 1 is a spacing allocation study performed under the present rules demonstrating that from the reference site there are no allocation difficulties with any existing or proposed FM stations. Table 2 gives the distance to the City Grade (70 dbu) contour of a full Class C3 FM station located at the proposed reference site. Figure 1 demonstrates this allocation situation. Mena, AR, the proposed City of License, lies totally within the 70 dbu City Grade contour of a full facility C3.

The proponent address is:

Mr. Wendell Harlan (3906 Hwy 375 West) P.O. Box 1426 Mena, AR 71953

PH: (501) 394-3319

Should the Federal Communication Commission grant this allocation request, Mr. Wendell Harland will file the appropriate application to obtain a construction permit to serve Mena, AR, the proposed City of License.

An Anti-Drug Statement accompanies this document.

Mr. Wendell Harlan, Proponent

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Anti-Drug Abuse Act of 1988 Certification

The applicant, Mr. Wendell Harlan, certifies that

In the case of an individual applicant, he or she is not subject to a denial of federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862, or, in the case of a non-individual applicant (e.g., corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits that includes FCC benefits pursuant to that section. For the definition of a "party" for these purposes, see 47 C.F.R. Section 1.2002(b)

Signature:

Date:

glandel 1. Howar 9 May 1996

Table 1

FM CHANNEL SPACING STUDY

Job title: Mena C3 Allocation Latitude: 34 38 19 Channel: 287C3 Longitude: 94 18 27

Database file name: FCC

CH	Call	Record	City	ST	Status	Bear.	Dist.	Reqd. Dist.	Result
286C1	KMJX	12569	Conway	AR	LIC	83.4	167.2	144.0	23.2
287A	KNCBFM	13051	Vivian	LA	LIC	168.8	192.9	142.0	
285A	KHPA	13106	Норе	AR	LIC	143.3	127.0	42.0	
288A	KNAS	13108	Nashville	AR	LIC	151.8	89.2	89.0	. 2
290C1	KLAZ	13120	Hot Springs	AR	LIC	104.0	119.4	76.0	
288A	NEW	13151	Danville	AR	APP	61.0	110.2	89.0	21.2
288A		13155	Danville	AR	VACANT	60.7	95.5	89.0	6.5
288A	NEW	13156	Danville	AR	APP	58.8	104.5	89.0	15.5
284A	KTOY	13641	Texarkana	AR	LIC	175.0	131.6	42.0	
284C2	KEZU	13694	Booneville	AR	LIC	15.0	62.6	56.0	6.6
233C2	KOLX	13710	Barling	AR	LIC	22.2	69.4	17.0	
289C1	KMCK	13737	Siloam Springs	AR	LIC	.3	171.6	76.0	
286A	KTMCFM	14193	McAlester	OK	LIC	285.8	139.0	89.0	
284A		14199	Antlers	OK	VACANT	249.5	127.2	42.0	
287C2	KJMM	14209	Bixby	OK	APP	316.1	189.9	177.0	12.9
287C2		14217	Bixby	OK	VACANT	315.5	201.3	177.0	24.3
287C3	KJMM	14220	Bixby	OK	LIC	316.1	189.9	153.0	
288C2		14699	Coalgate	OK	ADD	266.6	162.3	117.0	

***** End of channel 287 study *****

Table 2

Full Facility C3 at Reference Site

DISTANCES TO CONTOURS (Kilometers):

Frequency: 105,3000 MHz

Coordinates: N 34 38 19 W 94 18 27 F(50,50) Curves Number of Contours: 2

AZ (degs)	HAAT (m)	ERP (kW)	CONTOUR 70.0	LEVELS 60.0	(dBu):
.0	54	25.0000	17.0	29.5	
45.0	56	25.0000	17.5	30.2	
90.0	96	25.0000	22.7	38.3	
135.0	117	25.0000	25.0	41.7	
180.0	155	25.0000	28.2	46.7	
225.0	196	25.0000	31.4	50.8	
270.0	155	25.0000	28.2	46.7	
315.0	-30	25.0000	12.7	22.8	
*139.4	122	25.0000	25.4	42.2	

^{*}Radial through the proposed City of License, Mena, AR.

